

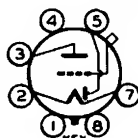


1H5-GT/G

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## DIODE HIGH-MU TRIODE

Filament	Coated	
Voltage	1.4	a-c or d-c volts
Current	0.05	amp.
Direct Interelectrode Capacitances (Approx.): <sup>o</sup>		
<i>Triode Unit</i>		
Grid to Plate	1.0	$\mu\text{f}$
Grid to Filament	1.1	$\mu\text{f}$
Plate to Filament	4.6	$\mu\text{f}$
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Cap		Skirted Miniature
Base		Sm. Wafer Octal 7-Pin, Sleeve
Pin 1 - Base Sleeve		Pin 7 - Filament -
Pin 2 - Filament +		Diode Shield
Pin 3 - Triode Plate		Pin 8 - No Connection
Pin 4 - No Connection		Cap - Triode Grid
Pin 5 - Diode Plate		
Mounting Position		Any



BOTTOM VIEW (GT-5Z)

Maximum Ratings Are Design-Center Values

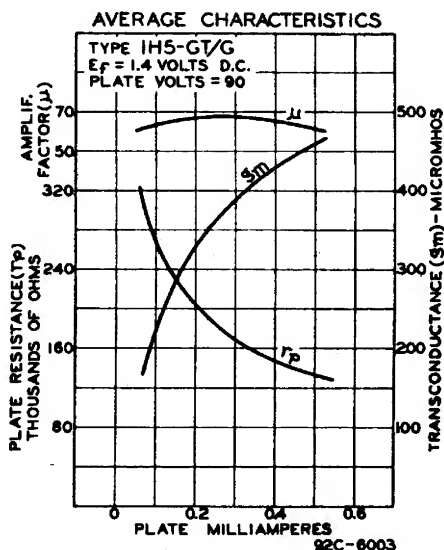
### TRIODE UNIT

Plate Voltage	110 max. volts
<i>Characteristics — Class A<sub>1</sub> Amplifier:</i>	
Plate	90 volts
Grid	0 volts
Amp. Fact.	65
Plate Res.	240000 ohms
Transcond.	275 $\mu\text{mhos}$
Plate Cur.	0.15 ma.

### DIODE UNIT

The diode is located at the negative end of the filament, and is independent of the triode unit except for the common filament.

<sup>o</sup> With external shield connected to negative filament terminal.



← Indicates a change.

92C-6003

Jan. 1, 1943

RCA VICTOR DIVISION  
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

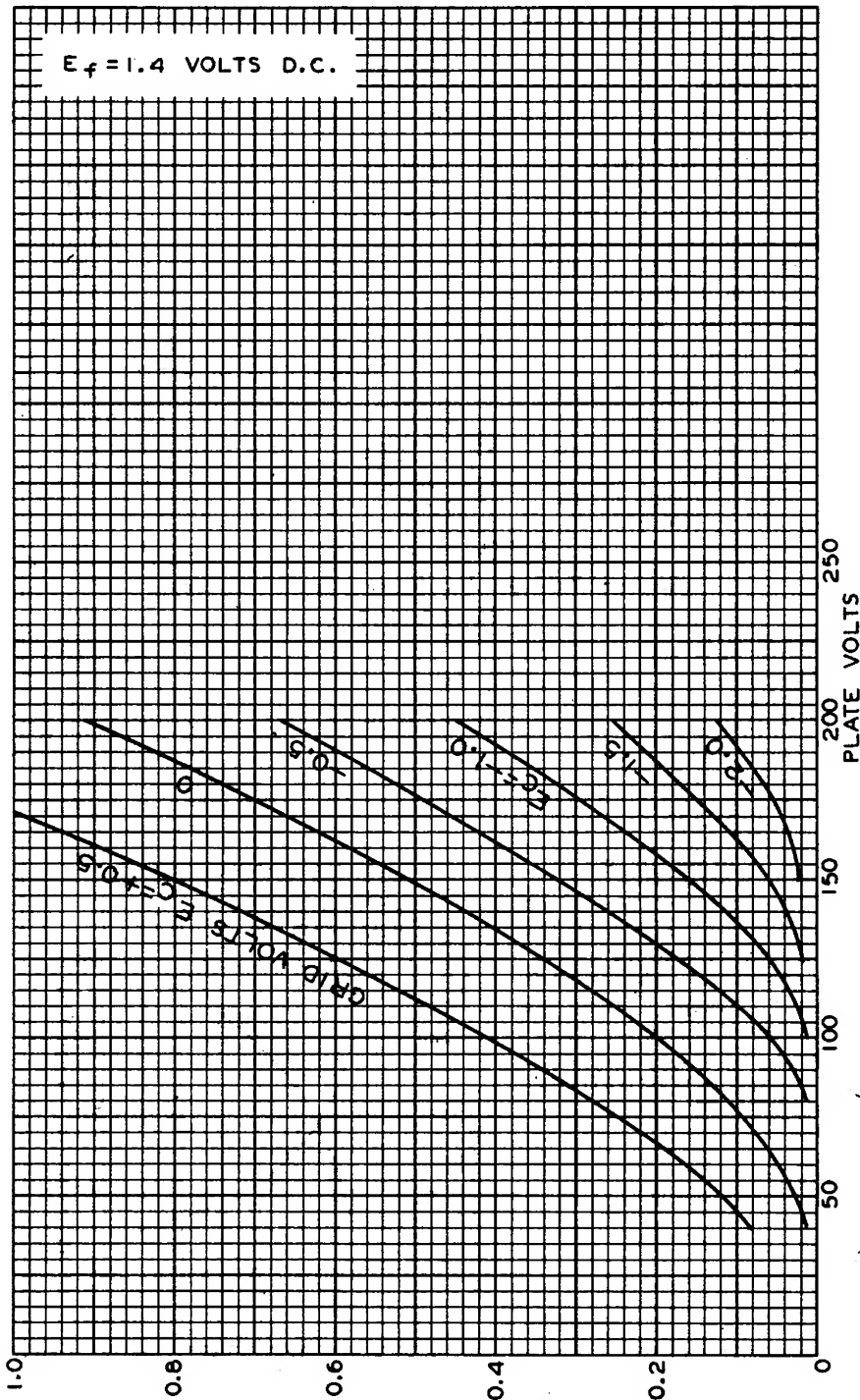
DATA

1H5-GT/G



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### AVERAGE PLATE CHARACTERISTICS



DEC. 28, 1942

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92C-6001R1